

Amendments to the Specification:

Please insert the following section heading at page 1, line 2:

Field of the Invention

Please insert the following section heading at page 1, line 5:

Background of the Invention

Please insert the following section heading at page 2, line 9:

Summary of the Invention

Please insert the following section heading at page 11, line 13:

Brief Description of the Drawings

Please insert the following section heading at page 12, line 1:

Detailed Description of the Invention

Please replace the abstract as noted in the publication with the following amended abstract:

The inventive method for opto-acoustical imagery of an image object $[(OBJ)]$ consists in a) generating an incident optical wave $[(INC)]$ and a reference optical wave $[(REF)]$ coherent therewith, b) oscillating the image object $[(OBJ)]$ area at an acoustic frequency, c) sending the incident wave $[(INC)]$ to said image object $[(OBJ)]$, thereby generating a diffused signal wave $[(DIF)]$, d) sending at least one part of said diffused signal wave $[(DIF)]$ to a detection device $[(DET)]$, e) sending the reference optical wave $[(REF)]$ to the detection device $[(DET)]$ avoiding the image object $[(OBJ)]$, thereby generating an interferogram $I(\underline{r}, t)$, f) extracting digital information from said interferogram $I(\underline{r}, t)$, and in g) obtaining co-ordinates (U, V, W) from one measurement point of the image object $[(OBJ)]$ associated to said digital information.